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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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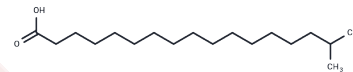
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Isostearic acid

Chemical Properties

CAS No. :	2724-58-5
Formula:	C ₁₈ H ₃₆ O ₂
Molecular Weight:	284.48
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Isostearic acid (Isooctadecanoic acid) is an active ingredient in imiquimod formulations that promotes the entry of imiquimod or peripherally secreted cytokines into the brain, and can be used to induce psoriasis-like disease models.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (281.21 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5152 mL	17.5759 mL	35.1519 mL
5 mM	0.703 mL	3.5152 mL	7.0304 mL
10 mM	0.3515 mL	1.7576 mL	3.5152 mL
50 mM	0.0703 mL	0.3515 mL	0.703 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Riazi, et al. Life Cycle Environmental and Cost Implications of Isostearic Acid Production for Pharmaceutical and Personal Care Products. ACS Sustainable Chemistry & Engineering 7.18(2019).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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